

CROSS TALK

Edition 87 - October 2001

Environmental Insurance

Environmental insurance may make it easier for the Department of Defense (DoD) to transfer property. The Early Transfer Authority (ETA) provision under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), allows for the transfer of DoD property prior to completion of CERCLA requirements. This provision enables remediation efforts at environmentally contaminated sites to be placed on hold until after the property transfer, at which time either the DoD or the Local Redevelopment Authority (LRA) may complete the CERCLA requirement.

Environmental insurance may ease the burden of risk for the LRA, thus making ETA a more attractive option. Insuring a property may also increase the property value, if the cost of cleanup outweighs fair market value. In addition, environmental insurance may help contractors to secure funding through grants and loans, since it may protect against future liability. Environmental insurance can be customized for the individual property need, but common types include: cleanup cost gap or stopgap, pollution legal liability, and brownfields restoration and redevelopment insurance.

What's Inside...

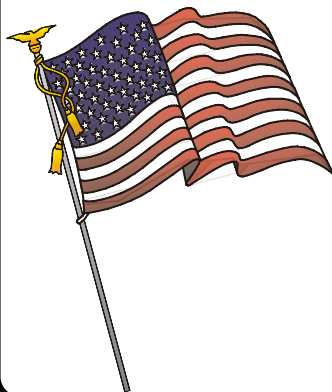
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For more information on environmental insurance visit the Base Realignment and Closure (BRAC) website at <http://www.dtic.mil/envirodod/brac/>.

(Adapted from BRAC Environmental Program Fact Sheet, "Using Environmental Insurance in DoD Property Transfers: A New Tool for Managing Cleanup Risk")

In Memoriam

The PRO-ACT staff is greatly saddened by the tragic events of 11 September 2001. Our thoughts are with the families, friends, and survivors who suffered because of the terrible attacks.



Our thoughts are also with the many United States (U.S.) Military personnel, from all branches, who are now protecting U.S. interests around the world.

"For a long time to come Americans will take pride and feel gratitude for how nobly and professionally our military and civilian personnel have responded here at the Department of Defense... We extend our condolences and we ask God's tender mercies for our fallen comrades and their loved ones."

— Secretary of Defense
Donald H. Rumsfeld

God Bless America.



PRO-ACT

A Base-level Pollution Prevention Resource sponsored by HQ Air Force Center for Environmental Excellence



In Our Customer's Own Words...

"I have used PRO-ACT services on several occasions and have consistently received courteous, professional service in a timely manner. Please pass my appreciation to the researcher for the usual superb assistance."



G. Barry Rinehart
12 CES/CEV
Randolph AFB, TX

PRO-ACT NEWS!

Same great service, easier e-mail. The e-mail address to contact PRO-ACT has changed. Our new e-mail is pro-act@brooks.af.mil.

If you have recently sent an e-mail to PRO-ACT at our old address, please do not re-send your message. Messages sent to our previous e-mail address are still being received, as the old address has not yet been phased out.

Customer Feedback...

Let us know how we are doing! PRO-ACT is always interested in your comments regarding our publications and services. We welcome your input regarding environmental success stories, new technologies, best management practices, and pollution prevention initiatives. Please contact us at DSN 240-4214 or by our new e-mail at pro-act@brooks.af.mil.



CrossTalk

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Contents of CrossTalk are not necessarily the official views of, or endorsed by, the U.S. Government, the Department of Defense or the Department of the Air Force. Reference to any commercial product or company does not imply endorsement by the government or any of its agencies.

Readers may submit articles or photographs for publication. Material will be edited; however, to conform to PRO-ACT and Air Force guidelines.

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Pollution Prevention Initiatives

Affirmative Procurement

Form DD350, the contract tracking mechanism for affirmative procurement compliance actions, has been revised in accordance with recommendations under Executive Order 13101.

The revised form now includes a space to record Comprehensive Procurement Guideline items, and another space to identify Federal Acquisition Regulation clauses used. The revised form enables DoD to track compliant contracts and ensure they meet the standards established under the Resource Conservation and Recovery Act (RCRA). Download revised Form DD350, October 2001, from the Air Force Publications website at <http://web1.whs.osd.mil/icdhome/DD-0999.htm>.

Technical Order Update

Technical Order (T.O.) 1-1-8, "Application and Removal of Organic Coatings, Aerospace and Non-Aerospace Equipment" was amended to include the use of two terpene products as solvent wipes for surface preparation. In some situations, these terpenes may be used as approved substitutes for toluene, methyl ethyl ketone (MEK), and other hazardous chemicals; and to meet the National Emission Standards for Hazardous Air Pollutants, where applicable. Use of these products may

reduce paperwork, as there are no containment controls or reporting requirements in conjunction with these products. It should be noted; however, that terpenes evaporate slowly, and must be fully dried prior to application of paint. Contact PRO-ACT for a copy of the revised segment of the T.O., or for assistance locating vendors with the ability to meet this new requirement, at DSN 240-4214.

New Tools and Guidance

Recycling Resource

Earth's 911, a collaboration which includes the U.S. Environmental Protection Agency (EPA), the National Governors' Association, AT&T, British Petroleum (BP), Ford Motor Company, The Home Depot, Microsoft, all fifty states, and numerous non-profit partners and recycling centers, is offering a community-specific service to assist in "Making Every Day Earth Day."



The service provides local information on recycling, environmental programs or events, conservation, local beach and water conditions, composting information, technological innovations, children's educational programs, state and local contact information, "smart shopping" and environmental tips.

Success Stories

The Office of the Deputy Under Secretary of Defense for Installations and Environment requests success stories for the Fiscal Year (FY) 2001 Defense Environmental Quality Program Annual Report to Congress. The submittal form for stories is located on the Defense Environmental Network and Information Exchange (DENIX) website.

Please remember to include:

- 2 or 3 paragraph success story
- point of contact information
- any graphics or photographs
(.tif or .eps format)

Deadline: 1 December 2001

www.denix.osd.mil/denix/DOD/ES-Programs/Quality/EQ2001/show_request_form.cgi

Recycling information is broken down into specific categories that include curbside, drop-off, yard waste, bulky waste, automotive, batteries, and electronics.

Earth's 911 also offers a virtual library of public service announcements (PSAs). The PSA library allows government organizations to access and order pollution prevention related radio, print and television pieces that they may use in their own distribution. In some cases, PSAs can be customized with the addition of an agency logo.

To access this recycling resource, visit <http://www.cleanup.org>, then enter the zip code about which you are inquiring. The Earth's 911 may be contacted at webmaster@cleanup.org or utilize their hotline at 1-800-CLEANUP.

RCRA Software Available

The U.S. EPA is offering software, available for free download, designed to guide users through the complicated corrective action process under RCRA. The software has three clearly outlined objectives:

1. To evaluate their own facility characteristics,
2. To help facilities evaluate the nature and extent of the releases of hazardous waste or constituents, and
3. To identify development problems and implement appropriate corrective measures to protect human health and the environment.

The software offers legal guidelines, interim and stabilization measures, a breakdown of quality assurance plans, health and ecological assessment, remediation technologies, a guide to statutory authorities, an as-you-go glossary of terms, and a bibliography of guidance documents.

The easy to use program is self-guiding, allowing the user to gather the specific information. The program offers a simple tutorial, available from the first menu. To download the software visit <http://www.epa.gov/seahome/cap.html>.

Oil Spill Exercise Generator

The U.S. EPA has a database-driven program designed to provide scenarios, right down to adverse weather conditions, for your facility to create an appropriate oil spill exercise or response drill. The program, OILSPILL, allows utilization of many included scenarios, or customization of the program to allow possible unique situations that a location might encounter. The program also has evaluation checklists which may aid in the creation of evaluation reports. This program is available free-of-charge on CD-ROM, while supplies last. Bulk orders will not be honored, but CD's received may be copied.



For more information on the U.S. EPA Oil Spill Program access <http://www.epa.gov/oilspill/index.htm>. To obtain a copy of the OILSPILL program on CD contact PRO-ACT at DSN 240-4214.

Energy Citations Database

The Department of Energy (DOE), Office of Scientific and Technical Information, in partnership with the Government Printing Office, developed the Energy Citations Database (ECD). The ECD is a combination of information from current DOE records, and from the records of predecessor agencies, including the Energy Research and Development Administration and the Atomic Energy Commission. The database, which is still evolving, houses information from 1948 to present. ECD is a reliable source for bibliographic records for chemistry, physics, environmental science, earth sciences, atmospheric sciences, engineering, mathematics and computer sciences.

Search capabilities are varied, and may include common fields (e.g. title, author, subject) or less common identifiers (e.g. research/sponsoring organization, language, country). Sort capabilities

comprise relevance, publication date, system entry date, title, document type, and others. Returned information may include selection abstract or full text, or it may simply provide the user with original publishing information to locate the article elsewhere. The ECD is available at <http://www.osti.gov/energycitations/>.

Conference Corner

“The Odyssey Continues...”

The U.S. EPA Region III Chemical Emergency Preparedness and Prevention Conference will take place 10-13 December 2001 at the Marriott Waterfront Hotel in Baltimore, MD. The conference will include professionals from emergency management, hazardous materials response, health-science, counter-terrorism, law enforcement, transportation, power and utility, and other related fields. The conference will offer professional-lead workshops and training programs in addition to technical sessions and exhibits. Registration is available on-line, or by mail or fax. For more information send an e-mail to the conference administrator, at kharris@genphysics.com or visit the conference website at <http://www.2001conference.org/>.

Tri-Service Corrosion Conference

The Tri-Service Corrosion Conference will be held 14-18 January 2002, at La Mansion del Rio Hotel, San Antonio, TX. Participants will have the opportunity to interact and discuss the latest issues and technologies, and their military applications. The conference seeks to increase awareness of DoD corrosion control and prevention efforts and promote novel and innovative solutions to DoD corrosion problems. Conference attendance is limited to U.S. government personnel, DoD contractors/grantees, or those with official approval of a service representative.

Air Force related personnel seeking official approval should contact Major Robert Mantz at robert.mantz@afosr.af.mil. For more conference information visit the web at <https://www.ues.com/afosrmeetings/triservice/>.

AWMA Conference

The Air and Waste Management Association's (AWMA) 95th Annual Conference and Exhibition will be held in Baltimore, MD, 23-27 June 2002. More than 5,000 environmental management professionals from around the world are expected to attend this event. The conference provides a forum for education and cross feed among private industry, environmental pollution control officials, and federal agencies covering pollution prevention and control technology.

For additional information and specific guidelines visit the conference website at <http://www.awma.org>. Registration is not yet open, so please continue to check the conference website for the latest information.

Technical Inquiry Roundup

TI 22984 – Facility Definition

By Carl M. Lehman

PRO-ACT responded to a customer's request for the official definition of an industrial versus non-industrial facility in regards to the Civil Engineer Environmental Awards Program.

We located an Office of the Under Secretary of Defense memorandum titled, “FY 2001 Secretary of Defense Environmental Awards Program Guidance,” 3 July 2001, that states in paragraph 3, Environmental Quality Award Non-Industrial Installations, “Ranges, test centers, research and development (R&D) centers, and civil works facilities should compete in the non-industrial category.” Paragraph 4, Pollution Prevention Award - Industrial Installations states, “An industrial installation has a primary mission of producing, maintaining, or rehabilitating military equipment.”

We then contacted Captain Harry Jackson, Civil Engineer, Environmental Awards Program point-of-contact, Headquarters Air Force Center for Environmental Excellence (HQ AFCEE/ECA),

DSN 240-6417. Captain Jackson provided the same definition for industrial and non-industrial facilities as appears in the above paragraph, and stated this definition should appear in Air Force Instruction 36-2817, "Civil Engineer Awards Program," when its re-writing is completed.

TI 22983 – Spray Paint Shelf Life Extension

By Pilar Castaneda

PRO-ACT completed a request for information concerning the reuse of aerosol paints. The customer stated the facility's supply squadron has 100 cans of unused aerosol paint, which have passed their shelf life expiration date. The Base's hazardous waste monitor would like to send these paints to another government agency for reuse; however, the supply squadron wants to dispose of them as hazardous waste. The Chief of Supply (COS) cited Air Force Manual (AFMAN) 23-110, "CD Basic USAF Supply Manual," 1 August 2001, Chapter 13, "Expiration Dated Items," as the requirement for disposal of the unused aerosol paint as a hazardous waste, rather than extending the shelf life or finding a use for these aerosol paints. Specifically, the customer wanted to know if unused aerosol paints, which have passed their shelf life expiration date, can be used rather than disposed of as a hazardous waste.

PRO-ACT reviewed AFMAN 23-110, "CD Basic USAF Supply Manual," 1 August 2001, Chapter 13, "Expiration Dated Items," Section 13.4.5, which states, "If the date is extended, review requirements for the materiel and re-stratify the asset based on the new expiration date. If the date is not extended, use or destroy the asset, and if required, order replacement stock."

We then reviewed Air Force Instruction (AFI) 32-7080, "Pollution Prevention Program," 12 May 1994, Chapter 1, "How to Use This Instruction," Section 1.3.4, "Installation," which states, "All installations must comply with the standards in this AFI." Chapter 2 of AFI 32-7080 further states, "The hierarchy of actions to prevent pollution are: first and foremost, reduce/eliminate dependence

on hazardous materials and reduce waste streams (source reduction); reuse generated waste and recycle waste not reusable (recycling); employ treatment; and only as a last resort disposal of wastes (end-of-pipe treatment). This hierarchy of actions must be fully integrated into day-to-day Air Force operations to build a strong pollution prevention program."

Finally, we contacted Ms. Rosanna Bandemehr, Environmental Office, Headquarters Defense Reutilization and Marketing Service (HQ DRMS-LHP), DSN 932-5877, who stated when these aerosol paints are turned in to a local DRMO, they will ensure that a Department of Defense agency will reuse these paints despite an expired shelf life. She further stated, disposal of the unused paints as hazardous waste is a method of last resort. Ms. Bandemehr added, if a government agency is known that would like to obtain these paints, inform the local DRMO of the interested agency. Also, inform the interested agency of the location where the unused paints are to be turned-in. The DRMO will ensure the interested agency will receive the paints.

TI 23008 – Recycling/Recovery Equipment

By Pamela J. Jernigan

PRO-ACT responded to a customer's request for information about refrigerant recycling and recovery equipment certification. Specifically, the customer wanted to know if the metal plate label affixed to the equipment by the manufacturer in accordance with Title 40 Code of Federal Regulations (CFR), Part 82.158, paragraphs (a), (b), and (d) fulfills the requirements of Title 40 CFR Part 82.158, paragraph (h), or if paragraph (h) is a separate requirement.

SUMMARY OF FINDINGS:

The metal plate label affixed to the equipment by the manufacturer in accordance with Title 40 CFR, Part 82.158, paragraphs (a), (b), and (d) fulfills the requirements of Title 40 CFR Part 82.158, paragraph (h); it is not a separate requirement.

DETAILED FINDINGS:

We reviewed 40 CFR Part 82.158, "Standards for Recycling and Recovery Equipment," paragraphs (a), (b), (d) and (h). Paragraph (a) states in part that equipment must be certified by an approved equipment testing organization to meet the applicable requirements in paragraph (b) or (d). Paragraph (b) establishes the level of evacuation standards that equipment must meet, and paragraph (d) details recovery percentages and vacuum requirements. Paragraph (h) provides details to equipment manufacturers and importers on how to label equipment meeting the requirements of (b) and (d). Accordingly, paragraph (h) is not a separate requirement; it is a result of complying with the requirements as stated in paragraphs (b) and (d). The intent of these regulations is to ensure equipment is certified to meet the Environmental Protection Agency's (EPA) minimum requirements and to ensure the label states what appliance it can be used on. Additional label requirements are detailed in (h), which states the label must:

1. Contain wording as detailed in paragraph (h),
2. Show the date of manufacture,
3. Show the serial number if applicable,
4. Be affixed in a readily visible or accessible location,
5. Be made of a material expected to last the lifetime of the equipment,
6. Present required information in a manner that is likely to remain legible for the expected lifetime of the equipment, and
7. Be affixed in such a manner that it cannot be removed without causing damage to the label.

We then contacted the EPA's Stratospheric Ozone Depleting Hotline, (800) 296-1996, whose representative confirmed the labeling requirements of paragraph (h) are not separate from paragraphs (a), (b), and (d). The representative stated if the equipment meets the certification requirements of paragraphs (a), (b), and (d), according to paragraph (h) the manufacturer or importer of the equipment must affix a label to the equipment stating it meets these requirements.

TI 23016 – AFV Repair Training

By Pilar Castaneda

PRO-ACT responded to a customer's request for information concerning compressed natural gas (CNG) vehicle maintenance. The customer stated the facility possesses several CNG vehicles which are repaired and maintained under the manufacturer's warranty. The warranties for these CNG vehicles are due to expire within this calendar year. Specifically, the customer wanted information on any schools authorized to train representatives from the installation in the repair and maintenance of CNG vehicles after the manufacturer's warranty expires.

PRO-ACT contacted Mr. Carl Parazola, Director, Alternative Fuel Vehicles (AFV) Program Office, Robins AFB, GA, DSN 468-7676, ext 56, who stated the Air Force has approved the University of West Virginia, National Alternative Fuels Vehicles Training Program, located in Morgantown, West Virginia, for use in training all Air Force personnel in the repair and maintenance of AFVs, including CNG vehicles.

We then contacted Mr. William McGlinchey, Instructor, University of West Virginia, National Alternative Fuels Vehicles Training Program, (304) 293-7822, who requested the customer contact him directly at the above telephone number to discuss specific information concerning course availability and pricing.

TI 22978 – Lead-Acid Battery Replacement

By Ty King

PRO-ACT responded to a request for information on replacing existing 6-volt, lead-acid cell, non-maintenance free batteries, used in a PortaLoader II manufactured by Ruger Equipment, with sealed maintenance free batteries. Specifically the customer wanted contact information of potential battery replacement manufacturers.

PRO-ACT contacted Mr. Jerry Quillen, Technical Support Representative, Ruger Equipment, who stated the preferred manufacturers for replacement batteries are Trojan Batteries and Exide Technology. He further stated that almost any marine, deep-cell 6-volt battery would be acceptable for replacement purposes.

We next located and contacted a distributor of Trojan Batteries nearest to the location of our customer. The technical support representative stated they do not produce maintenance free, sealed lead-acid batteries; however, they do make replacement batteries similar to original equipment

specification. For further information on Trojan Battery products, access their world wide web (WWW) site at <http://www.trojan-battery.com>.

Next, we contacted a sales representative from Exide Technology, <http://www.exideworld.com>, who referred us GNB Industrial Power, a local manufacturer/distributor. A technical support representative with GNB Industrial Power, stated a potential replacement battery meeting the customer's specifications would be part number M83CHP06V27. Information on this product can be obtained by accessing their web site at <http://www.gnb.com>.



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